**[0072]** FIGS. **8**D and **8**F show deployment of a UAV using a tilt mechanism **836** of the moveable UAV platform **820**. As shown in FIG. **8**D, the pod **822** may include a pod portion **836** that may tilt or otherwise move in response to activation of a tilt mechanism **838** to cause the UAV **108** to be directed to a particular launch direction. The tilt mechanism **838** may be a mechanical mechanism, pneumatic mechanism, and/or other type of mechanism that causes movement of the pod portion **836** relative to the traversal base **824** to cause the UAV **108** to launch in a direction away from the exterior shell **112** of the ML fulfillment center **800**.

**[0073]** FIG. **8**E shows the UAV **108** launching away from the pod portion **836**. In some embodiments, a launch assist mechanism **840** may assist the launch of the UAV **108**, such as by providing a force to move the UAV in an outward direction from the pod portion **836**. The launch assist mechanism **840** may be mechanical mechanism, pneumatic mechanism, and/or other type of mechanism that causes movement of the UAV **108** relative to the pod portion **836** to cause the UAV **108** to launch in a direction away from the exterior shell **112** of the ML fulfillment center **800**.

**[0074]** FIGS. **9** and **10** are flow diagrams illustrated as a collection of blocks in a logical flow graph, which represent a sequence of operations that can be implemented in hardware, software, or a combination thereof. The order in which the operations are described is not intended to be construed as a limitation, and any number of the described blocks can be combined in any order and/or in parallel to implement the process.

**[0075]** FIG. **9** is a flow diagram of illustrative operation **900** of a fulfillment center that uses UAVs to perform at least some deliveries of items from the fulfillment center. The process **900** is described with reference to the preceding FIGS. **1**A-**8**E. Of course, the process **900** may be performed in other similar and/or different environments.

**[0076]** At **902**, the UAV may be received at a ML fulfillment center. For example, the UAV may fly to a designated landing site of the ML fulfillment center, which may be located on one of multiple levels of the ML fulfillment center. The landing site may be external to the ML fulfillment center or may be within the ML fulfillment center.

**[0077]** At **904**, the UAV may be readied for a next flight. For example, the UAV may be serviced, inspected, powered, undergo a battery replacement, coupled to a package for delivery, and/or otherwise interacted with prior to the next flight. In some embodiments, at least some of the operation **904** may be performed by one or more of the robots **124** in the ML fulfillment center. Human workers may perform some of the operations **904**, such as maintenance operations, inspection operations, and/or picking of items for the package **110**, among other possible tasks.

**[0078]** At **906**, the package **110** may be coupled to the UAV **108**. The coupling may be performed by a robot, by the UAV **108**, and/or by a human worker. The package may be coupled to the UAV while the UAV is inside of the ML fulfillment center or while the UAV is outside of the ML fulfillment center and on a launch platform, for example.

**[0079]** At **908**, the UAV may be deployed with the package for the destination associated with the package. In some embodiments, the UAV may be launched with a launch mechanism and/or with assistance by a launch assist mechanism, which may at least partially reduce an amount of energy used by the UAV to reach a cruising altitude. In some embodiments, the coupling of the package may be used to impart a launch force on the UAV. The UAV may launched at any angle outward from the ML fulfillment center, including in a direction perpendicular to the exterior shell **112** of the ML fulfillment center.

**[0080]** FIG. **10** is a flow diagram of additional illustrative operation **1000** of a fulfillment center that uses UAVs to perform at least some deliveries of items from the fulfillment center. The process **1000** is described with reference to the preceding FIGS. **1**A-**8**E. Of course, the process **1000** may be performed in other similar and/or different environments.

**[0081]** At **1002**, the UAV may be received at a ML fulfillment center at a first location. For example, the UAV may fly to a landing site of the ML fulfillment center, which may be located on one of multiple levels of the ML fulfillment center. The landing site may be external to the ML fulfillment center or may be within the ML fulfillment center.

**[0082]** At **1004**, the UAV may be readied for a next flight. For example, the UAV may be serviced, inspected, powered, undergo a battery replacement, coupled to a package for delivery, and/or otherwise interacted with prior to the next flight. In some embodiments, at least some of the operation **1004** may be performed by one or more of the robots **124** in the ML fulfillment center. Human workers may perform some of the operations **1004**, such as maintenance operations, inspection operations, and/or picking of items for the package **110**, among other possible tasks.

**[0083]** At **1006**, the package **110** may be coupled to the UAV **108**. The coupling may be performed by a robot, by the UAV **108**, and/or by a human worker. The package may be coupled to the UAV while the UAV is inside of the ML fulfillment center or while the UAV is outside of the ML fulfillment center and on a launch platform, for example.

**[0084]** At **1008**, the UAV may be moved to a second location. For example, the UAV may be moved to a launch site of the ML fulfillment center, which may be located on one of multiple levels of the ML fulfillment center. The launch site may be external to the ML fulfillment center or may be within the ML fulfillment center. In some embodiments, the launch site may be on a different level of the ML fulfillment center than the landing site. In various embodiments, the UAV may be moved to a launch site that is higher that the landing site, thereby at least partially reducing an amount of energy used by the UAV to reach a cruising altitude. The UAV may be moved to the launch site by flight of the UAV, by one of the robots **124**, by a human worker, and/or by other mechanisms (e.g., a conveyer, an elevator, a launch mechanism, a pneumatic tube, etc.).

**[0085]** At **1010**, the UAV may be deployed with the package for the destination associated with the package. In some embodiments, the UAV may be launched with a launch mechanism and/or with assistance by a launch assist mechanism, which may at least partially reduce an amount of energy used by the UAV to reach a cruising altitude.

**[0086]** Although the subject matter has been described in language specific to structural features and/or methodological acts, it is to be understood that the subject matter defined in the appended claims is not necessarily limited to the specific features or acts described. Rather, the specific features and acts are disclosed as illustrative forms of implementing the claims.

**1**. A multi-level fulfillment center configured to support distribution of items by unmanned aerial vehicles (UAVs), the multi-level fulfillment center comprising: